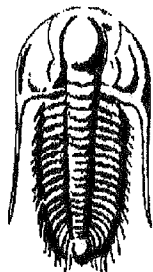


15-183-21551

18-225-23w

*Old*



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **Berexco Inc**

PO Box 20380  
Wichita KS 67208

**CONFIDENTIAL**

**JUL 25 2008**

**KCC**

ATTN: Brian Bynog

**18 22 23 Hodgeman KS**

**Reed E # 1**

Start Date: 2008.05.24 @ 07:26:35

End Date: 2008.05.24 @ 13:09:34

Job Ticket #: 31292                      DST #: 1

RECEIVED  
KANSAS CORPORATION COMMISSION

**JUL 28 2008**

CONSERVATION DIVISION  
WICHITA, KS

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Berexco Inc

Reed E # 1

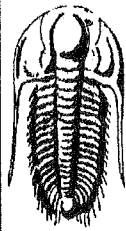
18 22 23 Hodgeman KS

DST # 1

Winfield

2008.05.24





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Berexco Inc

**Reed E # 1**

PO Box 20380  
Wichita KS 67208

**18 22 23 Hodgeman KS**

Job Ticket: 31292

**DST#: 1**

ATTN: Brian Bynog

Test Start: 2008.05.24 @ 07:26:35

### Tool Information

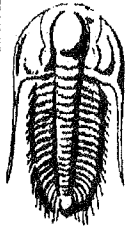
Drill Pipe:	Length: 2462.00 ft	Diameter: 3.80 inches	Volume: 34.54 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 200.00 ft	Diameter: 2.25 inches	Volume: 0.98 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 35.52 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 35000.00 lb
Depth to Top Packer:	2665.00 ft			Final 35000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	68.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			2638.00	
Shut In Tool	5.00			2643.00	
Hydraulic tool	5.00			2648.00	
Jars	5.00			2653.00	
Safety Joint	3.00			2656.00	
Packer	5.00			2661.00	28.00 Bottom Of Top Packer
Packer	4.00			2665.00	
Stubb	1.00			2666.00	
Recorder	0.00	8351	Inside	2666.00	
Recorder	0.00	8017	Inside	2666.00	
Perforations	34.00			2700.00	
Bullnose	5.00			2705.00	40.00 Bottom Packers & Anchor

**Total Tool Length: 68.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Berexco Inc

**Reed E # 1**

PO Box 20380  
Wichita KS 67208

**18 22 23 Hodgeman KS**

Job Ticket: 31292

**DST#: 1**

ATTN: Brian Bynog

Test Start: 2008.05.24 @ 07:26:35

**Mud and Cushion Information**

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 8.78 in<sup>3</sup>

Resistivity: 0.00 ohm.m

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

deg API

Water Salinity:

ppm

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
10.00	100%M	0.049
0.00	GIP 0	0.000

Total Length: 10.00 ft      Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

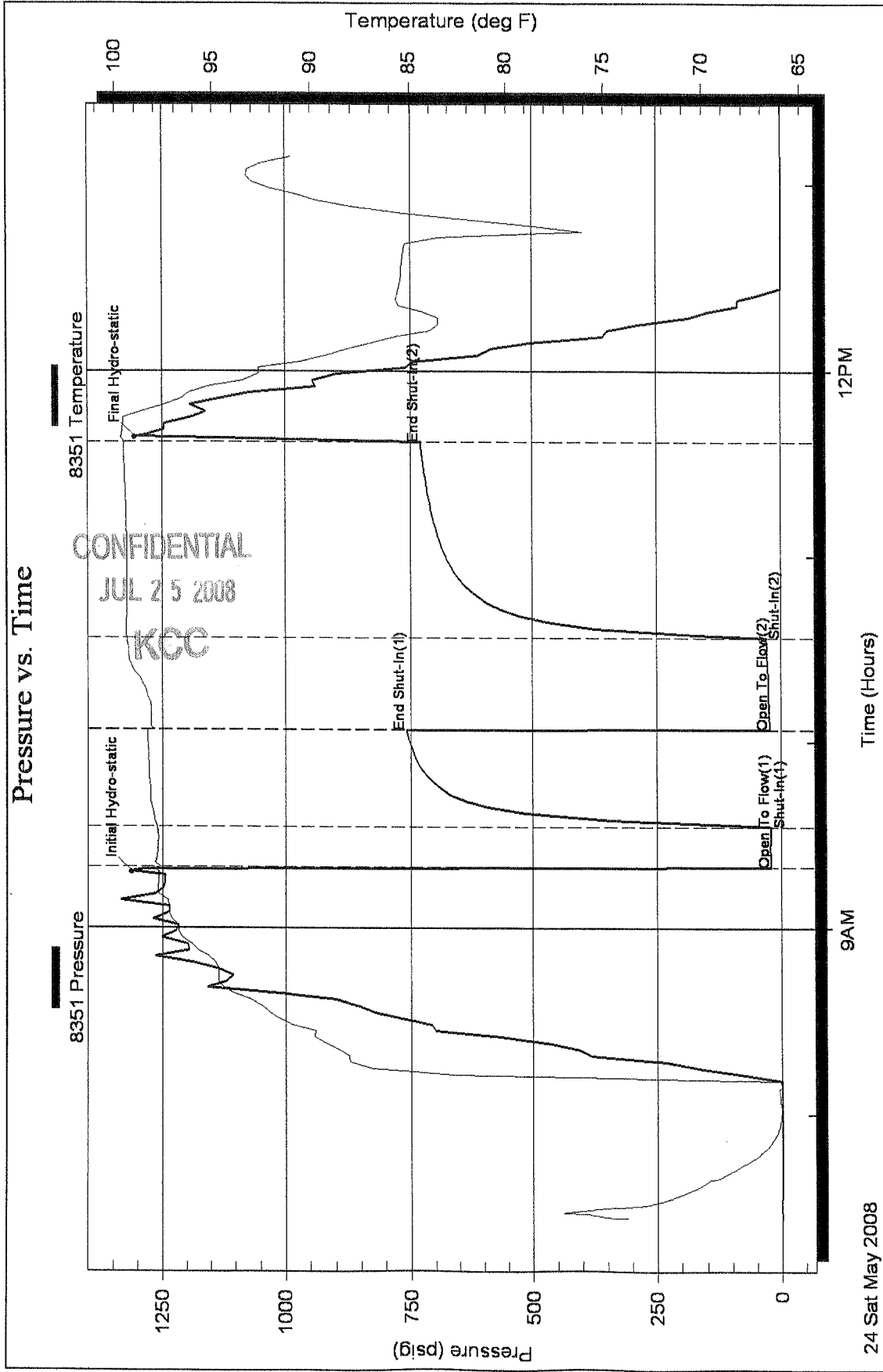
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time



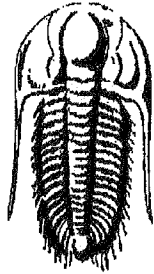
24 Sat May 2008

9AM

Time (Hours)

12PM

JUN 06 2008



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **Berexco Inc**

PO Box 20380  
Wichita KS 67208

CONFIDENTIAL

JUL 25 2008

KCC

ATTN: Brian Bynog

**18 22 23 Hodgeman KS**

**Reed E # 1**

Start Date: 2008.05.31 @ 16:25:53

End Date: 2008.06.01 @ 02:20:53

Job Ticket #: 30396                      DST #: 2

Berexco Inc

Reed E # 1

18 22 23 Hodgeman KS

DST # 2

Miss.

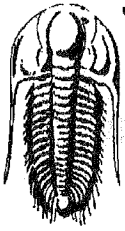
2008.05.31

Trilobite Testing, Inc  
PO Box 1733 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

RECEIVED  
KANSAS CORPORATION COMMISSION

JUL 28 2008

CONSERVATION DIVISION  
WICHITA, KS



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Berexco Inc

**Reed E # 1**

PO Box 20380  
Wichita KS 67208

**18 22 23 Hodgeman KS**

Job Ticket: 30396

**DST#: 2**

ATTN: Brian Bynog

Test Start: 2008.05.31 @ 16:25:53

## GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:26:23

Time Test Ended: 02:20:53

Test Type: Conventional Bottom Hole

Tester: John Schmidt

Unit No: 31

**Interval: 4690.00 ft (KB) To 4713.00 ft (KB) (TVD)**

Total Depth: 4713.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches-Hole Condition: Fair

Reference Elevations: 2436.00 ft (KB)

2425.00 ft (CF)

KB to GR/CF: 11.00 ft

**Serial #: 8369**

**Inside**

Press@RunDepth: 117.83 psig @ 4691.00 ft (KB)

Start Date: 2008.05.31

End Date:

2008.06.01

Start Time: 16:25:58

End Time:

02:20:53

Capacity: 7000.00 psig

Last Calib.: 2008.06.01

Time On Btm: 2008.05.31 @ 18:25:53

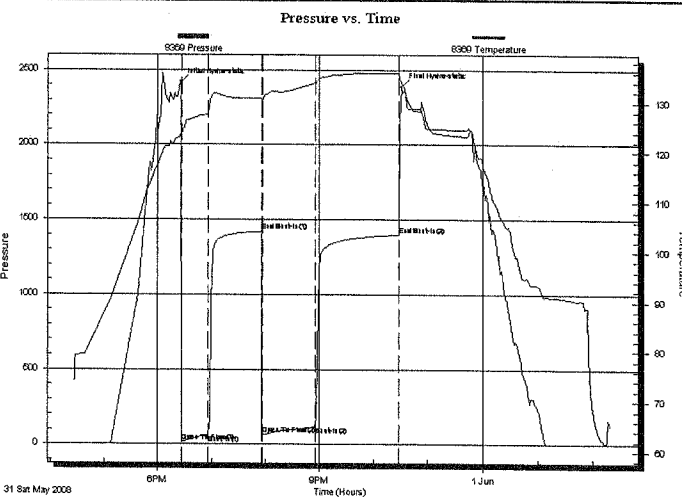
Time Off-Btm: 2008.05.31 @ 22:30:53

**TEST COMMENT:** IF Weak to fair built to 8 "

ISI Dead

FF Weak to strong BOB in 37 min.

FSI Dead



## PRESSURE SUMMARY

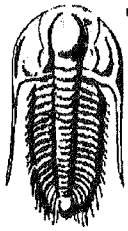
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2416.79	124.14	Initial Hydro-static
1	16.73	123.12	Open To Flow (1)
30	59.63	127.80	Shut-In(1)
90	1421.46	130.99	End Shut-In(1)
91	65.52	130.49	Open To Flow (2)
150	117.83	134.01	Shut-In(2)
242	1398.42	135.98	End Shut-In(2)
245	2386.33	133.95	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
90.00	MO 50%M 50%O	0.44
170.00	Clean O	1.19

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Berexco Inc

**Reed E # 1**

PO Box 20380  
Wichita KS 67208

**18 22 23 Hodgeman KS**

ATTN: Brian Bynog

Job Ticket: 30396

**DST#: 2**

Test Start: 2008.05.31 @ 16:25:53

## Tool Information

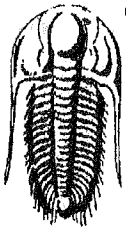
Drill Pipe:	Length: 4467.00 ft	Diameter: 3.34 inches	Volume: 48.41 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 200.00 ft	Diameter: 2.25 inches	Volume: 0.98 bbl	Weight to Pull Loose: 60000.00 lb
		<b>Total Volume:</b>	<b>49.39 bbl</b>	Tool Chased 10.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	4690.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	23.00 ft			
Tool Length:	51.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Change Over Sub	1.00			4663.00	
Shut In Tool	5.00			4668.00	
Hydraulic tool	5.00			4673.00	
Jars	5.00			4678.00	
Safety Joint	3.00			4681.00	
Packer	5.00			4686.00	28.00 Bottom Of Top Packer
Packer	4.00			4690.00	
Stubb	1.00			4691.00	
Recorder	0.00	8369	Inside	4691.00	
Recorder	0.00	6669	Inside	4691.00	
Perforations	19.00			4710.00	
Bullnose	3.00			4713.00	23.00 Bottom Packers & Anchor

**Total Tool Length: 51.00**



**TRILOBITE**  
**TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Berexco Inc

**Reed E # 1**

PO Box 20380  
Wichita KS 67208

**18 22 23 Hodgeman KS**

Job Ticket: 30396

**DST#: 2**

ATTN: Brian Bynog

Test Start: 2008.05.31 @ 16:25:53

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 10.00 lb/gal

Viscosity: 64.00 sec/qt

Water Loss: 8.78 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 4000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

38 deg API

Water Salinity:

ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	MO 50%M 50%O	0.443
170.00	Clean O	1.191

Total Length: 260.00 ft

Total Volume: 1.634 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

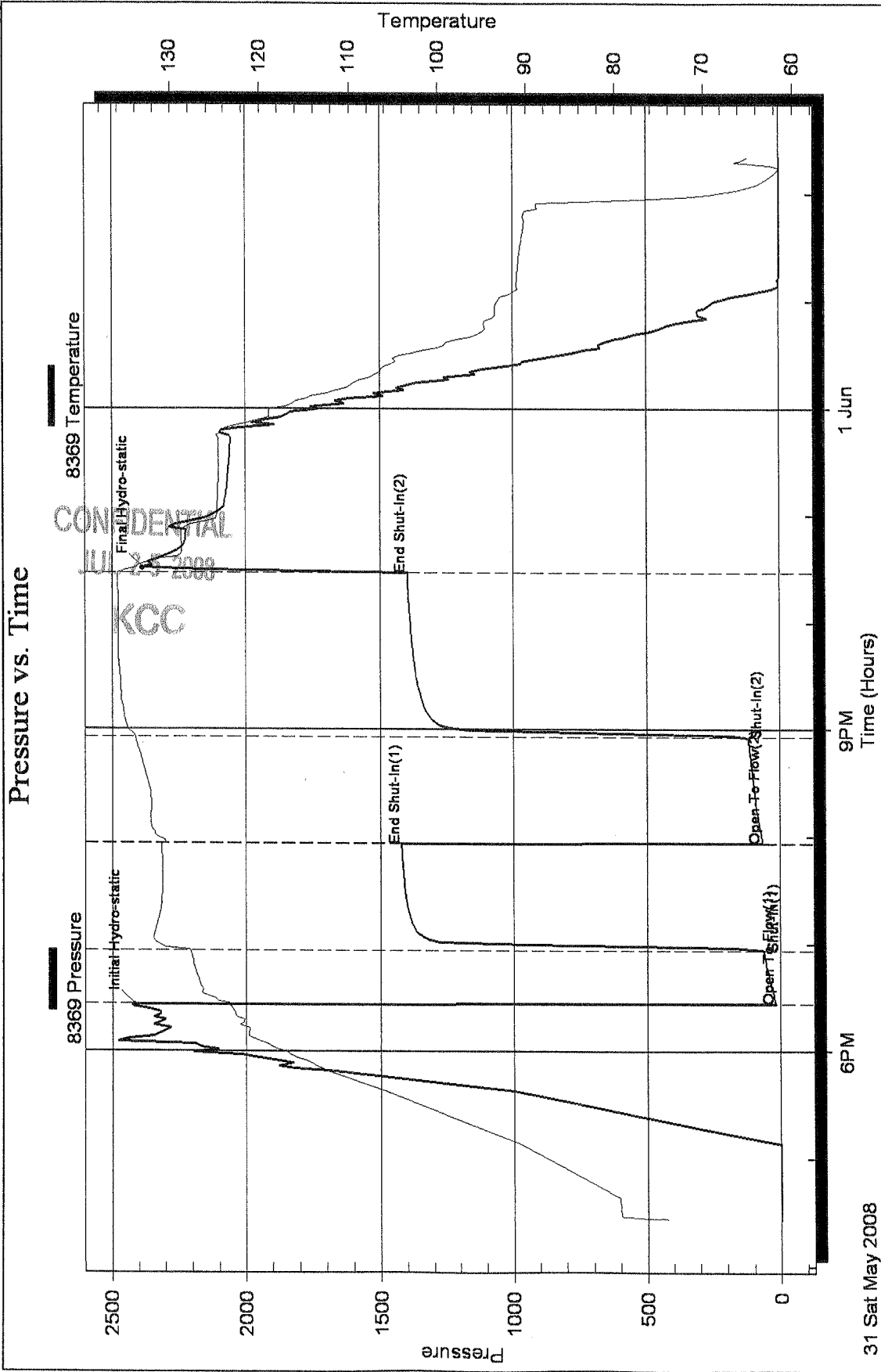
Serial #:

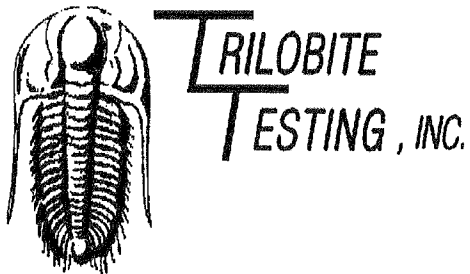
Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





## DRILL STEM TEST REPORT

Prepared For: **Berexco Inc**

PO Box 20380  
Wichita KS 67208

CONFIDENTIAL  
JUL 25 2008

KCC

ATTN: Brian Bynog

**18 22 23 Hodgeman KS**

**Reed E # 1**

Start Date: 2008.06.01 @ 13:10:24

End Date: 2008.06.01 @ 23:05:54

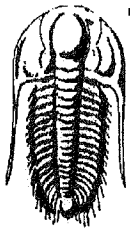
Job Ticket #: 30397                      DST #: 3

RECEIVED  
KANSAS CORPORATION COMMISSION

JUL 28 2008

CONSERVATION DIVISION  
WICHITA, KS

Trilobite Testing, Inc  
PO Box 1733 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Berexco Inc

**Reed E # 1**

PO Box 20380  
Wichita KS 67208

**18 22 23 Hodgeman KS**

ATTN: Brian Bynog

Job Ticket: 30397

**DST#: 3**

Test Start: 2008.06.01 @ 13:10:24

## GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:17:54

Time Test Ended: 23:05:54

Test Type: Conventional Bottom Hole

Tester: John Schmidt

Unit No: 31

**Interval: 4713.00 ft (KB) To 4719.00 ft (KB) (TVD)**

Total Depth: 4719.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2436.00 ft (KB)

2425.00 ft (CF)

KB to GR/CF: 11.00 ft

**Serial #: 8369** Inside

Press@RunDepth: 111.62 psig @ 4714.00 ft (KB)

Start Date: 2008.06.01

End Date: 2008.06.01

Start Time: 13:10:29

End Time: 23:05:54

Capacity: 7000.00 psig

Last Calib.: 2008.06.01

Time On Btm: 2008.06.01 @ 15:17:24

Time Off Btm: 2008.06.01 @ 19:20:54

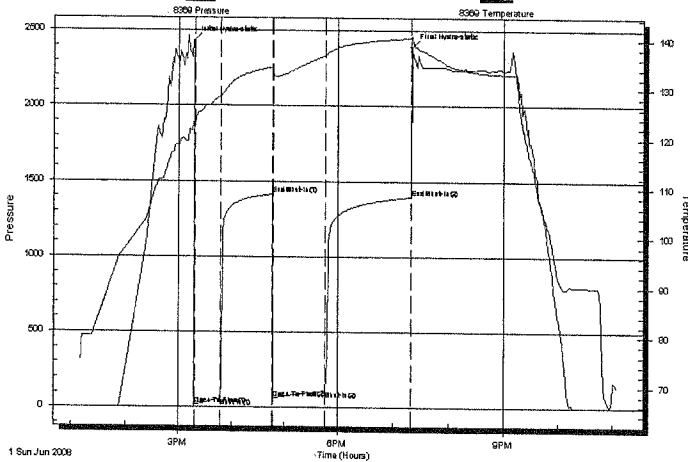
**TEST COMMENT:** IF Weak to fair built to 8 "

ISI Very weak surface

FF Weak to strong BOB in 38 min.

FSI Weak surface

Pressure vs. Time



## PRESSURE SUMMARY

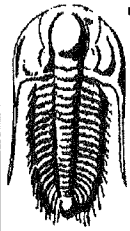
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2428.31	123.38	Initial Hydro-static
1	17.48	122.90	Open To Flow (1)
30	58.60	128.46	Shut-In(1)
89	1414.06	134.44	End Shut-In(1)
90	61.42	133.45	Open To Flow (2)
150	111.62	136.85	Shut-In(2)
243	1395.08	140.34	End Shut-In(2)
244	2391.50	140.78	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	MSW 10%M 90%W	0.30
210.00	Clean Oil	1.78

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

TOOL DIAGRAM

Berexco Inc  
PO Box 20380  
Wichita KS 67208  
ATTN: Brian Bynog

Reed E # 1  
18 22 23 Hodgeman KS  
Job Ticket: 30397      DST#: 3  
Test Start: 2008.06.01 @ 13:10:24

**Tool Information**

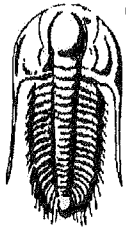
Drill Pipe:	Length: 4558.00 ft	Diameter: 3.34 inches	Volume: 49.39 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 143.00 ft	Diameter: 2.25 inches	Volume: 0.70 bbl	Weight to Pull Loose: 50000.00 lb
		Total Volume:	50.09 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	4713.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	6.00 ft			
Tool Length:	34.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

**Tool Comments:**

**CONFIDENTIAL**  
JUL 25 2008

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4686.00	
Shut In Tool	5.00			4691.00	
Hydraulic tool	5.00			4696.00	
Jars	5.00			4701.00	
Safety Joint	3.00			4704.00	
Packer	5.00			4709.00	28.00 Bottom Of Top Packer
Packer	4.00			4713.00	
Stubb	1.00			4714.00	
Recorder	0.00	8369	Inside	4714.00	
Recorder	0.00	6669	Inside	4714.00	
Perforations	2.00			4716.00	
Bullnose	3.00			4719.00	6.00 Bottom Packers & Anchor

**Total Tool Length: 34.00**



**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Berexco Inc  
PO Box 20380  
Wichita KS 67208  
ATTN: Brian Bynog

**Reed E # 1**  
**18 22 23 Hodgeman KS**  
Job Ticket: 30397      **DST#: 3**  
Test Start: 2008.06.01 @ 13:10:24

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 38 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 27000 ppm
Viscosity: 64.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.98 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 4100.00 ppm		
Filter Cake: 1.00 inches		

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	MSW 10%M 90%W	0.295
210.00	Clean Oil	1.784

Total Length: 270.00 ft      Total Volume: 2.079 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

### Pressure vs. Time

